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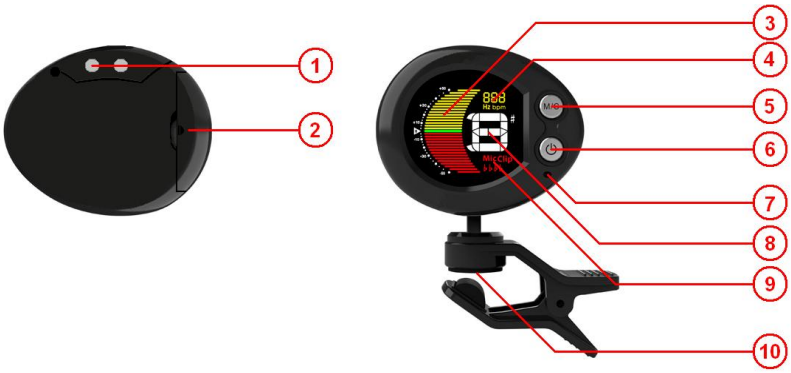
CCT55 COLOUR LCD CLIP TUNER

(173.272)

User Manual



1. A4 tuning/bpm + and – buttons
2. Battery compartment
3. 3 colour linear display
4. A4 tuning/bpm indication
5. M/C button (Mic/Clip, Flat, Tap Tempo)
6. ON/OFF button
7. Internal microphone
8. Note display
9. Mic/Clip and Flat indication
10. Clip contact pickup

Important

- Avoid exposure to high temperature, direct sunlight, moisture, strong magnetic fields and corrosive materials
- Clean only with a dry, lint-free cloth and avoid rough handling or impact
- Remove battery when not being used for long periods of time

Function buttons

- Press the ON/OFF button ***(6)*** to switch on the tuner
- The display will light up and the tuner mode will be initiated
- Standard concert pitch A = 440Hz. To adjust this to suit other instruments, use the + and - buttons ***(1)*** at the rear
- Press the M/C button ***(5)*** briefly to toggle between internal microphone ***(7)*** and clip contact pickup ***(10)*** for note detection
- Pressing and holding the M/C button ***(5)*** will flatten the tuning note by a semi-tone (for up to 4 semi-tones)
- Pressing the ON/OFF button ***(6)*** briefly will switch the tuner to metronome mode, giving a sweeping visual display
- BPM (beats per minute) settings can be adjusted with the + and - buttons ***(1)*** at the rear
- Alternatively, repeatedly pressing the M/C button ***(5)*** in a particular rhythm will set the metronome to that tempo (Tap Tempo)
- Press and hold the ON/OFF button ***(6)*** for 3 seconds to switch the tuner off
- Whilst in tuner mode, if no buttons are pressed and no notes detected for 3 minutes, the unit will power down automatically

Tuning

- Switch on and select the correct mode for the instrument that requires tuning (see above)
- Clip the tuner onto the instrument where it can pick up vibrations (e.g. on the headstock)
- Rotate the display so that it can be seen during tuning adjustment
- Play a note and check that the display to see if a note is detected
- If no note is detected, adjust the tuning on the instrument or move the clip to another position until a note is detected
- Adjust the tuning on the instrument until the required note is indicated (display shows correct musical note)
- Tuning accuracy is displayed via a progressive colour line display – red = flat, yellow = sharp
- When the note is exactly in tune, the red lines are filled up to a narrow blue line halfway up the display.
- Repeat the tuning process for all strings and repeat again if strings need settling in or stretching

SPECIFICATIONS	
Power supply	1.5V button cell (CR2032 supplied)
A4 frequency	410-490Hz
Frequency stability	±1cent
Tuning mode	Chromatic
Tuning range	B0 (31.9Hz) to B7 (1975.5Hz)
Metronome range	30-280bpm
Dimensions	97 x 61 x 17mm
Weight (without battery)	56g

TROUBLESHOOTING	
Display does not light or lights very dimly	Change battery for a new one
Display freezes and will not respond	Remove and replace battery after 30 seconds and try functions again
Tuner cannot detect notes	Move clip to a new position where vibrations can be detected
	Check that tuner is not in metronome mode
	Switch from Mic to Clip detection or vice versa
	Adjust tuning of instrument up and down in pitch until a note is detected
	Change battery for a new one if suspected to be low on charge

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